Re #

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp        |
|----------|------|--|---|---------------------|---------|-------------------|
|          |      | ("11" or "12" or "13" or "14" or "15"<br>or "16" or "17" or "18" or "19") and<br>(silicon adj nitride) and (silicon adj<br>carbide)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 16:59  |
| S1       | 128  | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>ÈPO; JPO;<br>DERWENT | OR                  | OFF '   | 2005/02/01 15:35  |
| S2       | 271  | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:35  |
| S3       | 224  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:35  |
| S4       | 1323 | 264/332.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:36  |
| S5       | 115  | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:36  |
| S6       | 96   | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:38  |
| S7       | 250  | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/02/01 15:38  |
| S8       | 670  | 501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | .2005/02/01 15:38 |

| S9  | 287   | 501/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 15:38 |
|-----|-------|--|---|----|-----|------------------|
| S10 | 390   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:01 |
| S11 | 52    | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:01 |
| S12 | 0     | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering and EFAS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:00 |
| S13 | 0     | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and EFAS                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:00 |
| S14 | . 137 | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and electric adj field   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:00 |
| S15 | 137   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and (electric adj field) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:00 |
| S16 | 128   | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:02 |
| S17 | 271   | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:02 |
| S18 | 224   | .264/434.ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:02 |

| S19 | 1323 | 264/332.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;            | OR | OFF  | 2005/02/01 17:02  |
|-----|------|---|---|----|------|-------------------|
| S20 | 115  | 264/682.ccls.   | DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT     | OR | OFF  | 2005/02/01 17:02  |
| S21 | 96   | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 17:02  |
| S22 | 250  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 17:02  |
| S23 | 670  | 501/92.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 17:02  |
| S24 | 287  | 501/93:ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF. | 2005/02/01 17:02  |
| S25 | 480  | (S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24) and (silicon adj nitride) and (silicon adj carbide)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 17:03  |
| S26 | 332  | (S16 or S17 or S18 or S19 or S20<br>or S21 or S22 or S23 or S24) and<br>(silicon adj nitride) and (silicon adj-<br>carbide) and sintering             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 :17:03 |
| S27 | 0    | (S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24) and (silicon adj nitride) and (silicon adj carbide) and sintering and electic           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/01 17:03  |
| S28 | . 94 | (S16 or S17 or S18 or S19 or S20<br>or S21 or S22 or S23 or S24) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering and electric | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/02 07:00  |

| S29 | 81   | (S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24) and ((silicon adj nitride) same (silicon adj carbide)) and sintering and electric                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:07 |
|-----|------|--|---|----|-----|------------------|
| S30 | 0    | (S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24) and ((silicon adj nitride) same (silicon adj carbide)) and (electric same field same assited same sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:08 |
| S31 | 7    | (S16 or S17 or S18 or S19 or S20 or S21 or S22 or S23 or S24) and ((silicon adj nitride) same (silicon adj carbide)) and (electric same field) and sintering               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:08 |
| S32 | 128  | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S33 | 271  | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S34 | :224 | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S35 | 1323 | 264/332.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S36 | 115  | 264/682:ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S37 | 96   | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |
| S38 | 250  | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24 |

| ·S39 | 670 | 501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
|------|-----|--|---|----|-----|--------------------|
| S40  | 287 | :501/93:ccls.:   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
| -S41 | 480 | (S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40) and (silicon adj nitride) and (silicon adj carbide) andwan.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
| 542  | 0   | (S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40) and (silicon adj nitride) and (silicon adj carbide) and wan.in.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
| S43  | 0   | (S32 or S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40) and (silicon adj nitride) and (silicon adj carbide) and gasch.in.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
| S44  | O   | (S32 or S33 or S34 or S35 or S36<br>or S37 or S38 or S39 or S40) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and mukherjee.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:24   |
| S45  | 10  | (silicon adj nitride) and (silicon adj<br>carbide) and mukherjee.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:30   |
| S46  | 13  | (silicon ad) nitride) and (silicon ad) carbide) and wan in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01:17:30   |
| S47  |     | (silicon adj nitride) and (silicon adj<br>carbide) and gasch.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/01 17:31   |
| S48  | 128 | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | . 2005/02/02 07:00 |

| S49        | 271  | 264/430.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;            | OR | OFF | 2005/02/02 07:00 |
|------------|------|---|---|----|-----|------------------|
| S50        | 224  | 264/434.ccls.   | DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO;             | OR | OFF | 2005/02/02 07:00 |
| S51        | 1323 | 264/332.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| <b>552</b> | 115  | .264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| S53        | 96   | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| S54        | 250  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| S55        | 670  | 501/92.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| S56        | 287  | 501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:00 |
| S57        | 0    | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride) and (silicon adj carbide) and(electric adj field adj assisted adj sintering)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:01 |
| S58        | 0:   | (S48 or S49 or S50 or S51 or S52<br>or S53 or S54 or S55 or S56) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and (electric adj field adj<br>assisted adj sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:03 |

| S59 | 2    | (S48 or S49 or S50 or S51 or S52   | US-PGPUB;   | OR | OFF | 2005/02/02 07:03 |
|-----|------|--|---|----|-----|------------------|
|     |      | or S53 or S54 or S55 or S56) and (electric adj field adj assisted adj sintering)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              |    |     |                  |
| S60 | 1286 | (S48 or S49 or S50 or S51 or S52<br>or S53 or S54 or S55 or S56) and<br>(spark plasma sintering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;            | OR | OFF | 2005/02/02 07:03 |
|     |      |  | DERWENT   |    |     |                  |
| S61 | 2 1  | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride) and (silicon adj carbide) and (spark adj plasma adj sintering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:13 |
| S62 | 0    | (S48 or S49 or S50 or S51 or S52<br>or S53 or S54 or S55 or S56) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and (plasma adj activated<br>adj sintering)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:14 |
| S63 | 0    | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride) and (silicon adj carbide) and (field adj assisted adj sintering)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:14 |
| S64 | 332  | (S48 or S49 or S50 or S51 or S52<br>or S53 or S54 or S55 or S56) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:14 |
| S65 | 146  | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 09:56 |
| S66 | 9    | ("5352641"   "5468697"  <br>"5525556"   "5616527"  <br>"5643843"   "5648028"  <br>"5767025"   "5902761"  <br>"5912200").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/02/02 07:38 |
| S67 | 121  | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride) and (silicon adj carbide) and sintering and ((sintering adj aid) or (densification adj aid))           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:43 |
| S68 | 60   | (S48 or S49 or S50 or S51 or S52 or S53 or S54 or S55 or S56) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/02/02 07:43 |

| S69 | 15   | ("4187116").URPN. | USPAT   | OR | OFF  | 2005/02/02 07:57 |
|-----|------|-------------------|---|----|------|------------------|
| S70 | 7.   | "02160669"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/02 09:58 |
| S71 | 11   | "6254940"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/02 09:59 |
| S72 | 9    | "6420293"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/02/02 09:59 |
| S73 | 133  | 264/405.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |
| S74 | 278  | 264/430.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |
| S75 | 232  | 264/434.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |
| S76 | 1326 | 264/332.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR | OFF. | 2005/08/10 13:29 |
| S77 | 123  | 264/682.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |
| S78 | 102  | 264/683.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |
| S79 | 254  | 501/91.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/08/10 13:29 |

| S80 | 674 | 501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|-----|-----|--|---|----|-----|------------------|
| S81 | 287 | .501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S82 | 451 | ("I1" or "I2" or "I3" or "I4" or "I5" or "I6" or "I7" or "I8" or "I9") and (silicon adj nitride) and (silicon adj carbide)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S83 | 0   | ("11" or "12" or "13" or "14" or "15"<br>or "16" or "17" or "18" or "19") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering and EFAS | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S84 | 0   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and EFAS               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S85 | 158 | ("11" or "12" or "13" or "14" or "15"<br>or "16" or "17" or "18" or "19") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and electric adj field | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S86 | 158 | ("I1" or "I2" or "I3" or "I4" or "I5" or "I6" or "I7" or "I8" or "I9") and (silicon adj nitride) and (silicon adj carbide) and (electric adj field)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S87 | 57. | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S88 | 133 | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S89 | 278 | 264/430.ccls   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |

| S90 | 232  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|-----|------|--|---|----|-----|------------------|
| S91 | 1326 | 264/332.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S92 | 123  | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S93 | 102  | 264/683.ccls   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S94 | 254  | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S95 | 674  | 501/92.ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S96 | 287  | 501/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S97 | 488  | (S88 or S89 or S90 or S91 or S92<br>or S93 or S94 or S95 or S96) and<br>(silicon adj nitride) and (silicon adj<br>carbide)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S98 | 339  | (S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96) and (silicon adj nitride) and (silicon adj carbide) and sintering                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S99 | 0    | (S88 or S89 or S90 or S91 or S92<br>or S93 or S94 or S95 or S96) and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering and electic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |

| S10<br>0 | 96   | (S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96) and (silicon adj nitride) and (silicon adj carbide) and sintering and electric                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|----------|------|--|---|----|-----|------------------|
| S10<br>1 | 83   | (S88 or S89 or S90 or S91 or S92<br>or S93 or S94 or S95 or S96) and<br>((silicon adj nitride) same (silicon<br>adj carbide)) and sintering and<br>electric                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>2 | 0    | (S88 or S89 or S90 or S91 or S92 or S93 or S94 or S95 or S96) and ((silicon adj nitride) same (silicon adj carbide)) and (electric same field same assited same sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>3 | 7    | (S88 or S89 or S90 or S91 or S92<br>or S93 or S94 or S95 or S96) and<br>((silicon adj nitride) same (silicon<br>adj carbide)) and (electric same<br>field) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>4 | 133  | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>5 | 278  | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>6 | 232  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>7 | 1326 | 264/332.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR | OFF | 2005/08/10 13:29 |
| S10<br>8 | 123  | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S10<br>9 | 102  | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |

| S11<br>0 | 254      | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|----------|----------|---|---|----|-----|------------------|
| S11<br>1 | 674      | 501/92.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11 2    | 287      | 501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OŘ | OFF | 2005/08/10 13:29 |
| S11<br>3 | 488      | (S104 or S105 or S106 or S107 or S108 or S109 or S110 or S111 or S112) and (silicon adj nitride) and (silicon adj carbide) andwan.in.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>4 | 0        | (S104 or S105 or S106 or S107 or S108 or S109 or S110 or S111 or S112) and (silicon adj nitride) and (silicon adj carbide) and wan.in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>5 | 0        | (S104 or S105 or S106 or S107 or<br>S108 or S109 or S110 or S111 or<br>S112) and (silicon adj nitride) and<br>(silicon adj carbide) and gasch.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>6 | 0        | (S104 or S105 or S106 or S107 or S108 or S109 or S110 or S111 or S112) and (silicon adj nitride) and (silicon adj carbide) and mukherjee.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>7 | 10       | (silicon adj nitride) and (silicon adj<br>carbide) and mukherjee.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>8 | 17       | (silicon adj nitride) and (silicon adj<br>carbide) and wan.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S11<br>9 | <b>3</b> | (silicon adj nitride) and (silicon adj<br>carbide) and gasch.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |

| S12<br>0 | 133  | 264/405.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|----------|------|---|---|----|-----|------------------|
| S12<br>1 | 278  | 264/430.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>2 | 232  | 264/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>3 | 1326 | 264/332.ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>4 | 123  | 264/682.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>5 | 102  | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>6 | 254  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>7 | 674  | .501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>8 | 287  | 501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S12<br>9 | 0    | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride) and (silicon adj carbide) and(electric adj field adj assisted adj sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |

|          | ·    |   |   | <del> </del> |      |                  |
|----------|------|---|---|--------------|------|------------------|
| S13<br>0 | 0    | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride) and (silicon adj carbide) and (electric adj field adj assisted adj sintering)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13<br>1 | 5    | (S120 or S121 or S122 or S123 or<br>S124 or S125 or S126 or S127 or<br>S128) and (electric adj field adj<br>assisted adj sintering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR           | OFF  | 2005/08/10.13:29 |
| S13<br>2 | 1322 | (S120 or S121 or S122 or S123 or<br>S124 or S125 or S126 or S127 or<br>S128) and (spark plasma<br>sintering)  | US-PGPÜB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13      | 3    | (S120 or S121 or S122 or S123 or<br>S124 or S125 or S126 or S127 or<br>S128) and (silicon adj nitride) and<br>(silicon adj carbide) and (spark adj<br>plasma adj sintering)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13<br>4 | 0    | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride) and (silicon adj carbide) and (plasma adj activated adj sintering)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13<br>5 | 0    | (S120 or S121 or S122 or S123 or<br>S124 or S125 or S126 or S127 or<br>S128) and (silicon adj nitride) and<br>(silicon adj carbide) and (field adj<br>assisted adj sintering)                 | US-PGPUB;<br>USPAT;<br>USOGR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13<br>6 | 339  | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride) and (silicon adj carbide) and sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF  | 2005/08/10 13:29 |
| S13<br>7 | 149  | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR           | OFF  | 2005/08/10 13:29 |
| S13<br>8 | 9    | ("5352641"   "5468697"  <br>"5525556"   "5616527"  <br>"5643843"   "5648028"  <br>"5767025"   "5902761"  <br>"5912200").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR           | OFF  | 2005/08/10 13:29 |
| S13      | 125  | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride) and (silicon adj carbide) and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR           | OFF. | 2005/08/10 13:29 |

| S14<br>0  | 62 | (S120 or S121 or S122 or S123 or S124 or S125 or S126 or S127 or S128) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
|-----------|----|---|---|----|-----|------------------|
| S14<br>1  | 15 | ("4187116"):URPN.   | USPAT   | OR | OFF | 2005/08/10 13:29 |
| S14<br>2  | 7  | "02160669"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S14<br>3  | 11 | :"6254940"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S14<br>4  | 13 | "6420293"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/10 13:29 |
| S14<br>5  | 12 | ("5039632" "5386006" "5424126"<br> "6025454" "6242626" "6478994"<br>)":PN"  | USPAT   | OR | OFF | 2005/08/11 09:52 |
| S14<br>6  | 7  | "5884134"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/08/11 09:53 |
| S14.<br>7 | 1  | "58084134"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/08/11 09:55 |
| S14<br>8  | 3  | "5684134"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/08/11 09:55 |
| S14<br>9  |    | "56084134"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ÖR | OFF | 2005/08/11 09:56 |
| S15<br>0  | 1  | "58084134"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/08/11 09:57 |

| S15<br>1 | 2    | "58084184"    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF  | 2005/08/11 09:58 |
|----------|------|---------------|---|----|------|------------------|
| S15<br>2 | 1    | ."60145910"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | ÖR | OFF  | 2005/08/11 10:41 |
| S15<br>3 | 8    | "6422041"     | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF  | 2005/08/11 10:41 |
| S15<br>4 | 135  | 264/405.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF. | 2005/10/24 15:44 |
| S15<br>5 | 280  | 264/430.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/10/24 15:44 |
| S15<br>6 | 235  | 264/434.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/10/24 15:44 |
| S15<br>7 | 1326 | 264/332.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/10/24 15:44 |
| S15<br>8 | 127  | 264/682.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;                         | OR | OFF  | 2005/10/24 15:44 |
|          |      |               | EPO; JPO;<br>DERWENT                                  |    |      |                  |
| S15<br>9 | 103  | 264/683.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/10/24 15:44 |
| S16<br>0 | 254  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF  | 2005/10/24 15:44 |

| S16<br>1 | 680 | 501/92.ccls.  | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|----------|-----|---|--------------------------------|----|-----|------------------|
|          |     |   | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>2 | 288 | 501/93.ccls.  | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     |   | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>3 | 479 | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     | (silicon adj nitride) and (silicon adj<br>'carbide)                           | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>4 | 0   | (" 1" or " 2" or " 3" or " 4" or " 5"<br>or " 6" or " 7" or " 8" or " 9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     | (silicon adj.nitride) and (silicon adj.<br>carbide) and sintering and EFAS    | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>5 | 0   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     | (silicon adj nitride) and (silicon adj carbide) and EFAS                      | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16      | 169 | ("l1" or "l2" or "l3" or "l4" or "l5"<br>or "l6" or "l7" or "l8" or "l9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     | (silicon adj nitride) and (silicon adj<br>carbide) and electric adj field     | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>7 | 169 | ("l1" or "l2" or "l3" or "l4" or "l5"<br>or "l6" or "l7" or "l8" or "l9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
| :        |     | (silicon adj nitride) and (silicon adj<br>carbide) and (electric adj field)   | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16<br>8 | 59  | (" 1" or " 2" or " 3" or " 4" or " 5"<br>or " 6" or " 7" or " 8" or " 9") and | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     | (silicon adj nitride) and (silicon adj<br>carbide) and sintering              | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S16      | 135 | 264/405.ccls.   | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     |   | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |
| S17<br>0 | 280 | 264/430.ccls.   | US-PGPUB;<br>USPAT;            | OR | OFF | 2005/10/24 15:44 |
|          |     |   | USOCR;<br>EPO; JPO;<br>DERWENT |    |     |                  |

| S17<br>1 | 235  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF . | 2005/10/24 15:44 |
|----------|------|--|---|----|-------|------------------|
| S17<br>2 | 1326 | 264/332.ccls;  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÓR | OFF   | 2005/10/24 15:44 |
| S17<br>3 | 127  | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S17<br>4 | 103  | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24:15:44 |
| S17<br>5 | 254  | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S17<br>6 | -680 | 501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S17<br>7 | 288  | 501/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S17<br>8 | 490  | (S169 or S170 or S171 or S172 or<br>S173 or S174 or S175 or S176 or<br>S177) and (silicon adj nitride) and<br>(silicon adj carbide)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S17<br>9 | 341  | (S169 or S170 or S171 or S172 or S173 or S174 or S175 or S176 or S177) and (silicon adj nitride) and (silicon adj carbide) and sintering                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |
| S18<br>0 | 0    | (S169 or S170 or S171 or S172 or<br>S173 or S174 or S175 or S176 or<br>S177) and (silicon adj nitride) and<br>(silicon adj carbide) and sintering<br>and electic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF   | 2005/10/24 15:44 |

|          | T    | Γ   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S18<br>1 | 97   | (S169 or S170 or S171 or S172 or S173 or S174 or S175 or S176 or S177) and (silicon adj nitride) and (silicon adj carbide) and sintering and electric                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>2 | 84   | (S169 or S170 or S171 or S172 or<br>S173 or S174 or S175 or S176 or<br>S177) and ((silicon adj nitride)<br>same (silicon adj carbide)) and<br>sintering and electric                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>3 | 0    | (S169 or S170 or S171 or S172 or S173 or S174 or S175 or S176 or S177) and ((silicon adj nitride) same (silicon adj carbide)) and (electric same field same assited same sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>4 | 8    | (S169 or S170 or S171 or S172 or<br>S173 or S174 or S175 or S176 or<br>S177) and ((silicon adj nitride)<br>same (silicon adj carbide)) and<br>(electric same field) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>5 | 135  | 264/405.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>6 | 280  | 264/430.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>7 | 235  | 264/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>8 | 1326 | 264/332.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S18<br>9 | 127  | 264/682.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>0 | 103  | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |

| S19<br>1 | 254 | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
|----------|-----|---|---|----|-----|------------------|
| S19<br>2 | 680 | 501/92.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>3 | 288 | 501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>4 | 490 | (\$185 or \$186 or \$187 or \$188 or \$189 or \$190 or \$191 or \$192 or \$193) and (silicon adj nitride) and (silicon adj carbide) andwan.in     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>5 | 1   | (S185 or S186 or S187 or S188 or S189 or S190 or S191 or S192 or S193) and (silicon adj nitride) and (silicon adj carbide) and wan.in.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>6 | 1   | (S185 or S186 or S187 or S188 or<br>S189 or S190 or S191 or S192 or<br>S193) and (silicon adj nitride) and<br>(silicon adj carbide) and gasch.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>7 | 1   | (S185 or S186 or S187 or S188 or S189 or S190 or S191 or S192 or S193) and (silicon adj nitride) and (silicon adj carbide) and mukherjee.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S19<br>8 | 12. | (silicon adj nitride) and (silicon adj<br>carbide) and mukherjee.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR | OFF | 2005/10/24 15:44 |
| S19<br>9 | 20  | (silicon adj nitride) and (silicon adj<br>carbide) and wan.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>0 | .5  | (silicon adj nitride) and (silicon adj<br>carbide) and gasch.in:  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |

| S20<br>1  | 135  | 264/405.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
|-----------|------|---|---|----|-----|------------------|
| S20<br>2  | 280  | ::264/430.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>3  | 235  | 264/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>4  | 1326 | 264/332.ccls:   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>5  | 127  | 264/682.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>6  | 103  | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>7  | 254  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>.8 | 680  | 501/92:ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S20<br>9  | 288  | 501/93.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>0  | 1    | (S201 or S202 or S203 or S204 or<br>S205 or S206 or S207 or S208 or<br>S209) and (silicon adj nitride) and<br>(silicon adj carbide) and(electric<br>adj field adj assisted adj sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |

|          | ·    |   | Υ   |    | 1   |                  |
|----------|------|---|---|----|-----|------------------|
| S21<br>1 | 1    | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride) and (silicon adj carbide) and (electric adj field adj assisted adj sintering)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>2 | 6    | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (electric adj field adj assisted adj sintering)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>3 | 1333 | (S201 or S202 or S203 or S204 or<br>S205 or S206 or S207 or S208 or<br>S209) and (spark plasma<br>sintering)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>4 | 4    | (S201 or S202 or S203 or S204 or<br>S205 or S206 or S207 or S208 or<br>S209) and (silicon adj nitride) and<br>(silicon adj carbide) and (spark adj<br>plasma adj sintering)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>5 | 0    | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride) and (silicon adj carbide) and (plasma adj activated adj sintering)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>6 | 1    | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride) and (silicon adj carbide) and (field adj assisted adj sintering)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>7 | 341  | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride) and (silicon adj carbide) and sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>8 | 150  | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S21<br>9 | 9    | ("5352641"   "5468697"  <br>"5525556"   "5616527"  <br>"5643843"   "5648028"  <br>"5767025"   "5902761"  <br>"5912200").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 15:44 |
| S22<br>0 | 126  | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride) and (silicon adj carbide) and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |

| S22<br>1 | 63   | (S201 or S202 or S203 or S204 or S205 or S206 or S207 or S208 or S209) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
|----------|------|---|---|----|-----|-------------------|
| S22<br>2 | 15   | ("4187116").URPN.   | USPAT   | OR | OFF | 2005/10/24 15:44  |
| S22<br>3 | 7    | "02160669"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S22<br>4 | 11   | ."6254940"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S22<br>5 | 14   | "6420293"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S22<br>6 | 135  | 264/405:ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S22<br>7 | 280  | 264/430.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44. |
| S22<br>8 | 235  | 264/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S22<br>9 | 1326 | 264/332.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |
| S23<br>0 | 127  | 264/682.ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44  |

| S23<br>1 | 103 | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
|----------|-----|--|---|----|-----|------------------|
| S23<br>2 | 254 | 501/91;ccls:   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>3 | 680 | 501/92.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>4 | 288 | 501/93:ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:15:44 |
| S23<br>5 | 479 | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>6 | 0   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering and EFAS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>7 | 0   | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and EFAS                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>8 | 169 | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and electric adj field   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S23<br>9 | 169 | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and (electric adj field) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:44 |
| S24<br>0 | 135 | 264/405.ccls:  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:15:44 |

| S24      | 280  | 264/430.ccls.   | US-PGPUB;   | OR | OFF | 2005/10/24 15:44  |
|----------|------|---|---|----|-----|-------------------|
| 1        |      |   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              |    |     |                   |
| S24<br>2 | 235  | 264/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>3 | 1326 | 264/332.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>4 | 127  | 264/682.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>5 | 103  | 264/683.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>6 | 254  | 501/91.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:15:45  |
| S24<br>7 | 680  | 501/92.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>8 | 288  | 501/93.ccls   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S24<br>9 | 490  | (S240 or S241 or S242 or S243 or S244 or S245 or S246 or S247 or S248) and (silicon adj nitride) and (silicon adj carbide)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S25<br>0 | 341  | (S240 or S241 or S242 or S243 or<br>S244 or S245 or S246 or S247 or<br>S248) and (silicon adj nitride) and<br>(silicon adj carbide) and sintering | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ΘR | OFF | .2005/10/24:15:45 |

| S25<br>1  | 0    | (S240 or S241 or S242 or S243 or S244 or S245 or S246 or S247 or S248) and (silicon adj nitride) and (silicon adj carbide) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;            | OR | OFF | 2005/10/24 15:45 |
|-----------|------|--|---|----|-----|------------------|
| S25<br>2  | 84   | and electic (S240 or S241 or S242 or S243 or S244 or S245 or S246 or S247 or S248) and ((silicon adj nitride) same (silicon adj carbide)) and sintering and electric                               | DERWENT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT     | OR | OFF | 2005/10/24 15:45 |
| S25<br>3  | 0    | (S240 or S241 or S242 or S243 or<br>S244 or S245 or S246 or S247 or<br>S248) and ((silicon adj nitride)<br>same (silicon adj carbide)) and<br>(electric same field same assited<br>same sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>4  | 135  | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>5  | 280  | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>6  | 235  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>7  | 1326 | 264/332.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>8  | 127  | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S25<br>9  | 103  | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| \$26<br>0 | 254  | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFE | 2005/10/24 15:45 |

| S26<br>1 | 680  | 501/92.ccls.   | US-PGPUB;<br>USPAT;                                   | OR  | OFF | 2005/10/24 15:45 |
|----------|------|--|---|-----|-----|------------------|
|          |      |  | USOCR;<br>EPO; JPO;<br>DERWENT                        |     |     |                  |
| S26<br>2 | 288  | 501/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR. | OFF | 2005/10/24 15:45 |
| S26<br>3 | 490  | (S254 or S255 or S256 or S257 or S258 or S259 or S260 or S261 or S262) and (silicon adj nitride) and (silicon adj carbide) andwan.in.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>4 | 1    | (S254 or S255 or S256 or S257 or S258 or S259 or S260 or S261 or S262) and (silicon adj nitride) and (silicon adj carbide) and wan in                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>5 | 1    | (S254 or S255 or S256 or S257 or S258 or S259 or S260 or S261 or S262) and (silicon adj nitride) and (silicon adj carbide) and gasch.in.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>6 | 1    | (S254 or S255 or S256 or S257 or<br>S258 or S259 or S260 or S261 or<br>S262) and (silicon adj nitride) and<br>(silicon adj carbide) and<br>mukherjee.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>7 | 135  | 264/405.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>8 | 280  | 264/430.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S26<br>9 | 235  | 264/434.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |
| S27<br>0 | 1326 | 264/332.ccls   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2005/10/24 15:45 |

| S27<br>1 | 127      | 264/682.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
|----------|----------|--|---|------|-----|------------------|
| S27<br>2 | 103      | 264/683.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>3 | 254      | 501/91.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>4 | 680      | 501/92.ccls  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>5 | 288      | 501/93.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>6 | 1        | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and(electric adj field adj assisted adj sintering)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>7 | 1        | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and (electric adj field adj assisted adj sintering) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR . | OFF | 2005/10/24 15:45 |
| S27<br>8 | 1333     | (S267 or S268 or S269 or S270 or<br>S271 or S272 or S273 or S274 or<br>S275) and (spark plasma<br>sintering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S27<br>9 | 0        | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and (plasma adj activated adj sintering)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |
| S28<br>0 | <b>1</b> | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and (field adj assisted adj sintering)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR   | OFF | 2005/10/24 15:45 |

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|----------|-------------|---|---|----|-----|------------------|
| S28<br>1 | 126         | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>2 | . 59        | ("I1" or "I2" or "I3" or "I4" or "I5"<br>or "I6" or "I7" or "I8" or "I9") and<br>(silicon adj nitride) and (silicon adj<br>carbide) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>3 | 97          | (S240 or S241 or S242 or S243 or S244 or S245 or S246 or S247 or S248) and (silicon adj nitride) and (silicon adj carbide) and sintering and electric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>4 | 8           | (S240 or S241 or S242 or S243 or<br>S244 or S245 or S246 or S247 or<br>S248) and ((silicon adj nitride)<br>same (silicon adj carbide)) and<br>(electric same field) and sintering             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ÖR | OFF | 2005/10/24 15:45 |
| S28<br>5 | 12          | (silicon adj nitride) and (silicon adj carbide) and mukherjee.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>6 | 20          | (silicon adj nitride) and (silicon adj.<br>carbide) and wan.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:17 |
| S28<br>7 | 5           | (silicon adj nitride) and (silicon adj<br>carbide) and gasch.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>8 | 6           | (S267 or S268 or S269 or S270 or<br>S271 or S272 or S273 or S274 or<br>S275) and (electric adj field adj<br>assisted adj sintering)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S28<br>9 | 4           | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride) and (silicon adj carbide) and (spark adj plasma adj sintering)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45 |
| S29<br>0 | 9           | ("5352641"   "5468697"  <br>"5525556"   "5616527"  <br>"5643843"   "5648028"  <br>"5767025"   "5902761"  <br>"5912200").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 15:45 |

| S29<br>1 | 63  | (S267 or S268 or S269 or S270 or S271 or S272 or S273 or S274 or S275) and (silicon adj nitride).clm. and (silicon adj carbide).clm. and sintering and ((sintering adj aid) or (densification adj aid)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
|----------|-----|---|---|----|-----|-------------------|
| S29<br>2 | 15  | ("4187116").URPN.   | USPAT   | OR | OFF | 2005/10/24 15:45  |
| S29<br>3 | 7   | "02160669"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S29<br>4 | 11  | "6254940"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S29<br>5 | 14  | "6420293"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S29<br>6 | 150 | (S267 or S268 or S269 or S270 or<br>S271 or S272 or S273 or S274 or<br>S275) and (silicon adj nitride).clm.<br>and (silicon adj carbide).clm. and<br>sintering  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | ,2005/10/24 15:45 |
| S29<br>7 | 341 | (S267 or S268 or S269 or S270 or<br>S271 or S272 or S273 or S274 or<br>S275) and (silicon adj nitride) and<br>(silicon adj carbide) and sintering   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 15:45  |
| S29<br>8 | 12  | ("5039632" "5386006" "5424126"<br> "6025454" "6242626" "6478994"<br>)".PN"  | USPAT   | OR | OFF | 2005/10/24 15:45  |
| S29<br>9 | 7   | "5884134"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45  |
| S30<br>0 |     | "58084134"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45  |
| S30<br>1 | 3   | "5684134"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45  |

| S30<br>2               | 1    | "56084134"  | USPAT;<br>USOCR;<br>EPO; JPO;                         | OR | OFF | 2005/10/24 15:45 |
|------------------------|------|---|---|----|-----|------------------|
| ·· , <b>::.</b> · ::/: |      | arrang rati ana ang mga paga tagang pag   | DERWENT;<br>IBM_TDB                                   |    |     |                  |
| S30<br>3               | 1    | "58084134"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45 |
| S30<br>4               | 2    | "58084184"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45 |
| S30<br>5               | 1    | "60145910"  | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45 |
| S30<br>6               | 8    | "6422041"   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB  | OR | OFF | 2005/10/24 15:45 |
| S30<br>7               | 22   | ("4097293"   "4141740"  <br>"4146379"   "4158687"  <br>"4341533"   "4502983"  <br>"4569922"   "4581295") PN. OR<br>("4829027") URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 16:00 |
| S30<br>8               | 18   | ("4097293"   "4141740"  <br>"4146379"   "4158687"  <br>"4341533"   "4502983"  <br>"4569922"   "4581295").PN. OR<br>("4829027").URPN. and alumina                              | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 16:00 |
| \$30<br>9              | 8    | ("4097293"   "4141740"  <br>"4146379"   "4158687"  <br>"4341533"   "4502983"  <br>"4569922"   "4581295").PN. OR<br>("4829027").URPN. and alumina<br>and (alumina adj nitride) | US PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2005/10/24 16:00 |
| S31<br>0               | , 33 | "4184882"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:18 |
| S31<br>1               | 23   | "4800182"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:27 |

| S31<br>2 | 11  | "5376599"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:28 |
|----------|-----|---|---|----|-----|------------------|
| S31<br>3 | 11  | "5523267"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:17:30 |
| S31<br>4 | 5   | "5541143"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:31 |
| S31<br>5 | 14  | "5134097"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:31 |
| S31<br>6 | 23  | "4800182"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:32 |
| S31<br>7 | 33  | "4184882"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:17:38 |
| S31<br>8 | 717 | 264/123.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:38 |
| S31<br>9 | 9.  | 264/123.ccls. and (silicon) and nitride and carbide | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24:17:40 |
| S32<br>0 | 104 | 264/125.ccls. and (silicon) and nitride and carbide | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/24 17:40 |